


FORM PTO-1390 (REV 10-2004)		ATTORNEY DOCKET NUMBER  4791-4019
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.51) <b>10/576407</b> TBA
INTERNATIONAL APPLICATION PCT/EP2004/011699	INTERNATIONAL FILING DATE 16 October 2004	PRIORITY DATE CLAIMED 21 October 2003
TITLE OF INVENTION A PIPE SEGMENT FOR A TRANSFER LINE FOR TRANSPORTING HOT PARTICULATE MATERIAL		
APPLICANT(S) FOR DO/EO/US Karsten HOFFHAUS, Günther KAZMEIER and Marco Aurelio FLORES-VERDUGO		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.		
2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.		
3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)).		
4. <input checked="" type="checkbox"/> The US has been elected. (Article 31).		
5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))		
a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).		
6. <input type="checkbox"/> An English language translation of the International application as filed (35 U.S.C. 371(c)(2)).		
a. <input type="checkbox"/> is attached hereto b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).		
7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))		
a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made.		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).		
10. <input type="checkbox"/> An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
<b>Items 11. to 20. below concern document(s) or information included:</b>		
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.		
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
13. <input checked="" type="checkbox"/> A preliminary amendment.		
14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.		
15. <input type="checkbox"/> A substitute specification.		
16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. Change of Co-Applicant to Outokumpu Technology Oy.		
17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821-1.825.		
18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).		
19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		
20. <input checked="" type="checkbox"/> Other items or Information: Copy of Request; Published application WO 2005/040706; Copy of Request, Notification of Transmittal of the International Search Report and The Written Opinion of the International Searching Authority, or the Declaration; International Search Report; Written Opinion; Notification of Receipt of Record Copy; Second and Supplemental Notice informing the Applicant of the Communication of the International Application; and Return Receipt Postcard.		

1AP20 Rec'd PCT/PTO 19 APR 2006

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NO.	
TBA 2004/01699		PCT/EP2004/01699		4791-4019	
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee .....\$300				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).....\$100 All other situations.....\$200				\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....\$100 International Search Report prepared and provided to the Office.....\$400 All other situations.....\$500				\$ 400.00	
TOTAL OF 21, 22 and 23 =				\$ 900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
33 - 100 =	0/50 =		x \$250.00	\$0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	29 - 20 =	9	x \$50.00	\$ 450.00	
Independent claims	1 - 3 =	0	x \$200.00	\$0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$0.00	
TOTAL OF ABOVE CALCULATIONS =				\$1350.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$1350.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				+	\$
TOTAL NATIONAL FEE =				\$1350.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	
TOTAL FEES ENCLOSED =				\$1350.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$1350.00
<p>a. <input type="checkbox"/> A check in the amount of \$ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 13-4500 (4791-4019) in the amount of \$1350.00 to cover the above fees.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-4500 (4791-4019). A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> <p><b>SEND ALL CORRESPONDENCE TO:</b> 27123 Bartholomew Verdirame, Esq. MORGAN &amp; FINNEGAN LLP 3 World Financial Center New York, New York 10281-2101 212 415 8700 Telephone 212 415 8701 Fax</p> <p>Dated: April 19, 2006</p>					
				<p> Signature</p> <p>Bartholomew Verdirame Name</p> <p>28,483 REGISTRATION NUMBER</p>	

10/576407

Docket No. 4791-4019

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APR 2006

Applicant(s): Karsten HOFFHAUS, Günther KAZMEIER and Marco Aurelio FLORES-VERDUGO  
Group Art Unit: Not Yet Assigned  
Serial No.: Not Yet Assigned  
Examiner: Not Yet Assigned  
Filed: Herewith (April 19, 2006)  
For: A PIPE SEGMENT FOR A TRANSFER LINE FOR TRANSPORTING HOT PARTICULATE MATERIAL

**EXPRESS MAIL CERTIFICATE**

Mail Stop Box PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Express Mail Label No.: **EV 826870672 US**  
Date of Deposit: April 19, 2006

I hereby certify that the following attached paper(s) and/or fee:

1. Transmittal letter to the US Designated Elected Office Concerning Filing Under 35 USC 371 (2 pps);
2. Preliminary Amendment (9 pps);
3. Information Disclosure Statement (1 pp);
4. PTO Form 1449 (1 pp) listing 2 U.S. patents; 1 WO 02/02827 reference; and 1 PCT Search Report Corresponding to WO 02/02827;
5. Copies of non-U.S. items listed on PTO Form 1449;
6. Published International Application WO 02/02827;
7. Copy of Request (4 pps);
8. Notification of Recording of a Change of Applicant (1 pp);
9. Notification of Receipt of Search Copy (1 pp);
10. Notification of Transmittal of the International Search Report and The Written Opinion of the International Searching Authority, or the Declaration (3 pps);
11. Written Opinion (5 pps);
12. International Search Report (4 pps);
13. Specification: 18 pps; Claims: 6 pps; Abstract: 1 pp; Drawings: 8 sheets (Figs 1-2, 3A-3B, 4-7);
14. Second and Supplementary Notice Informing the Applicant of the Communication of the International Application (1 pp);
15. Notification of Receipt of Record Copy (3 pps); and
16. Return Receipt Postcard.

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Albert Isles

(Typed or printed name of person mailing papers(s) and/or fee)

Albert Isles

(Signature of person mailing paper(s) and/or fee)

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